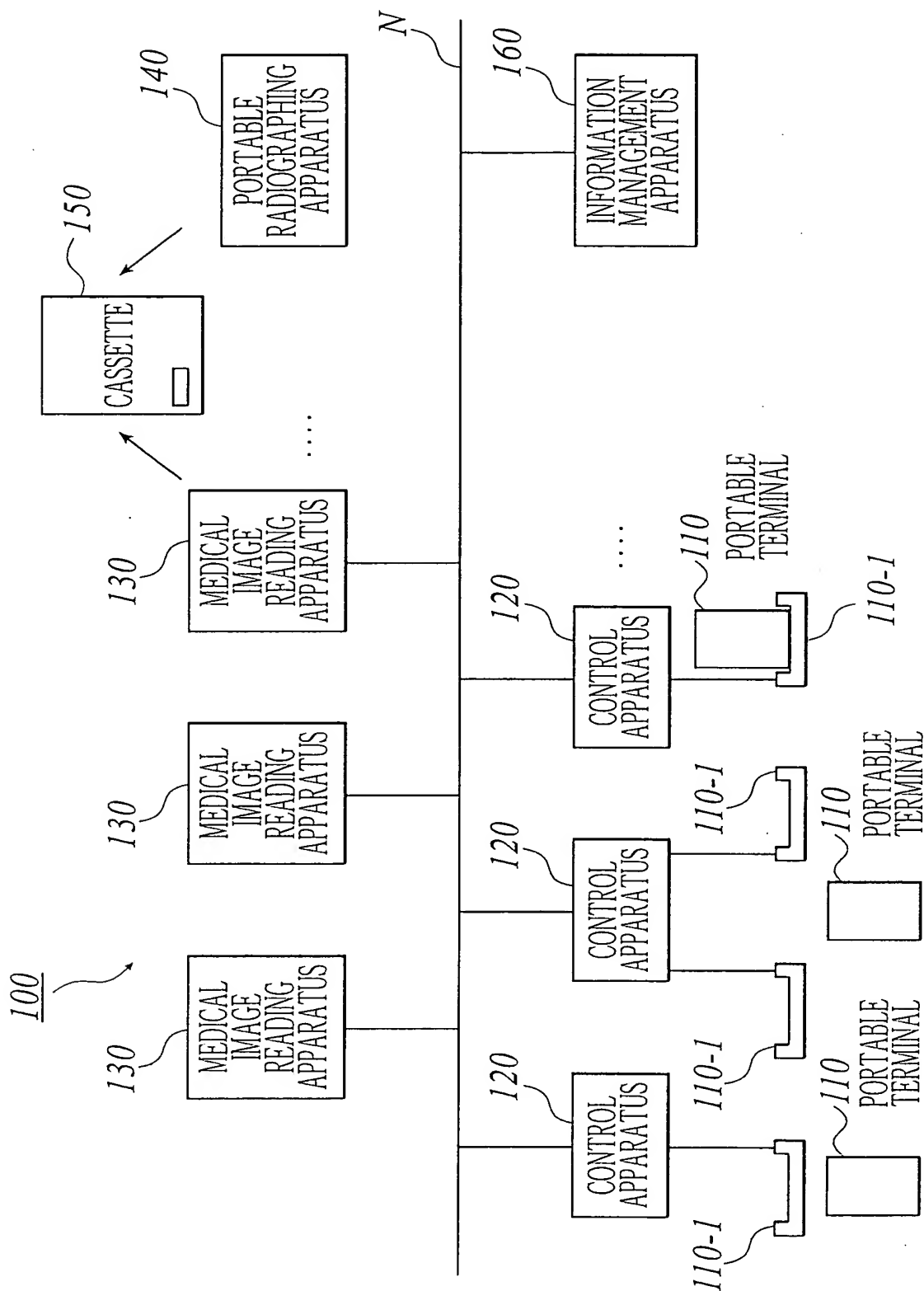


FIG. 1



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FIG 2

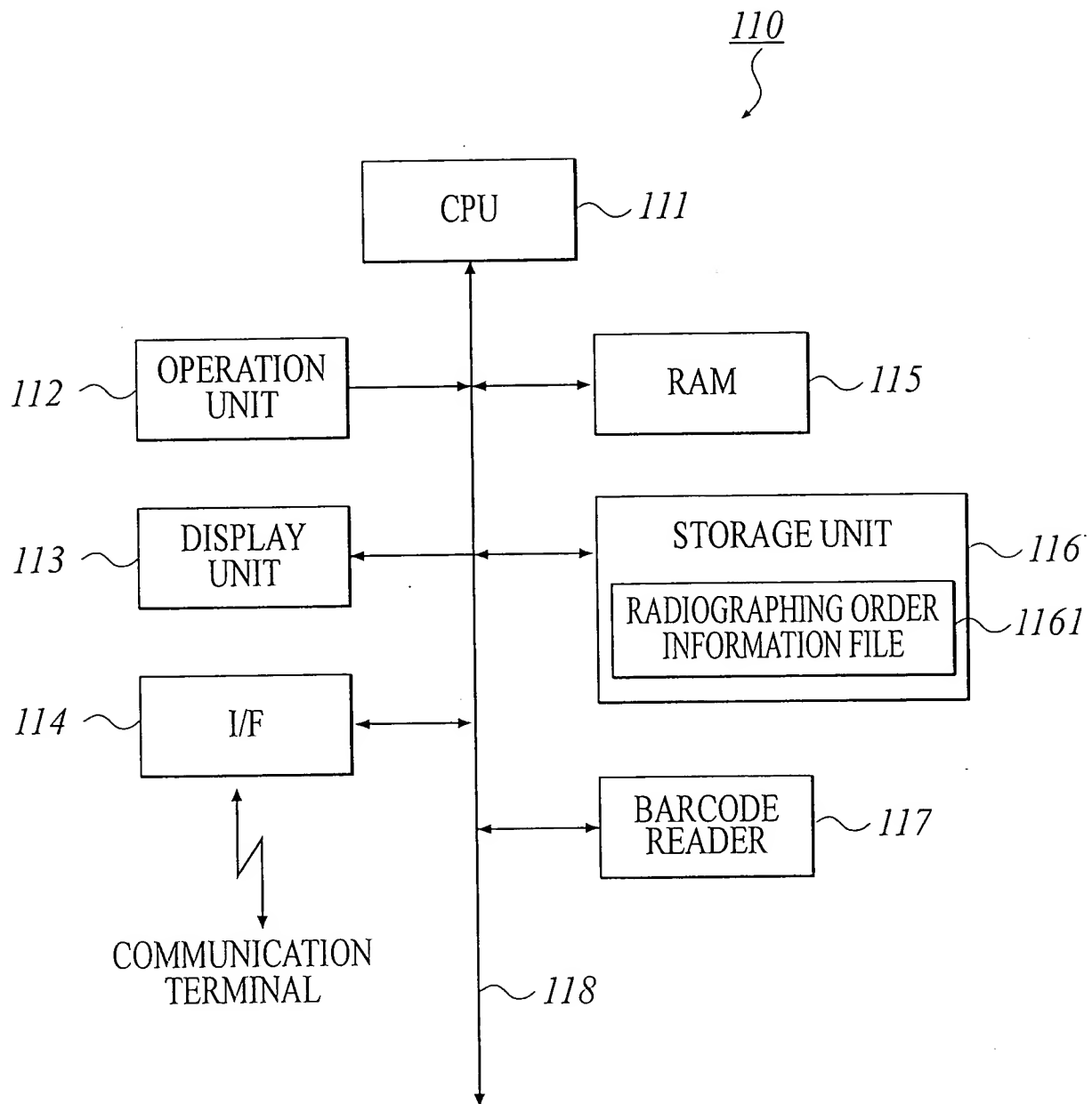
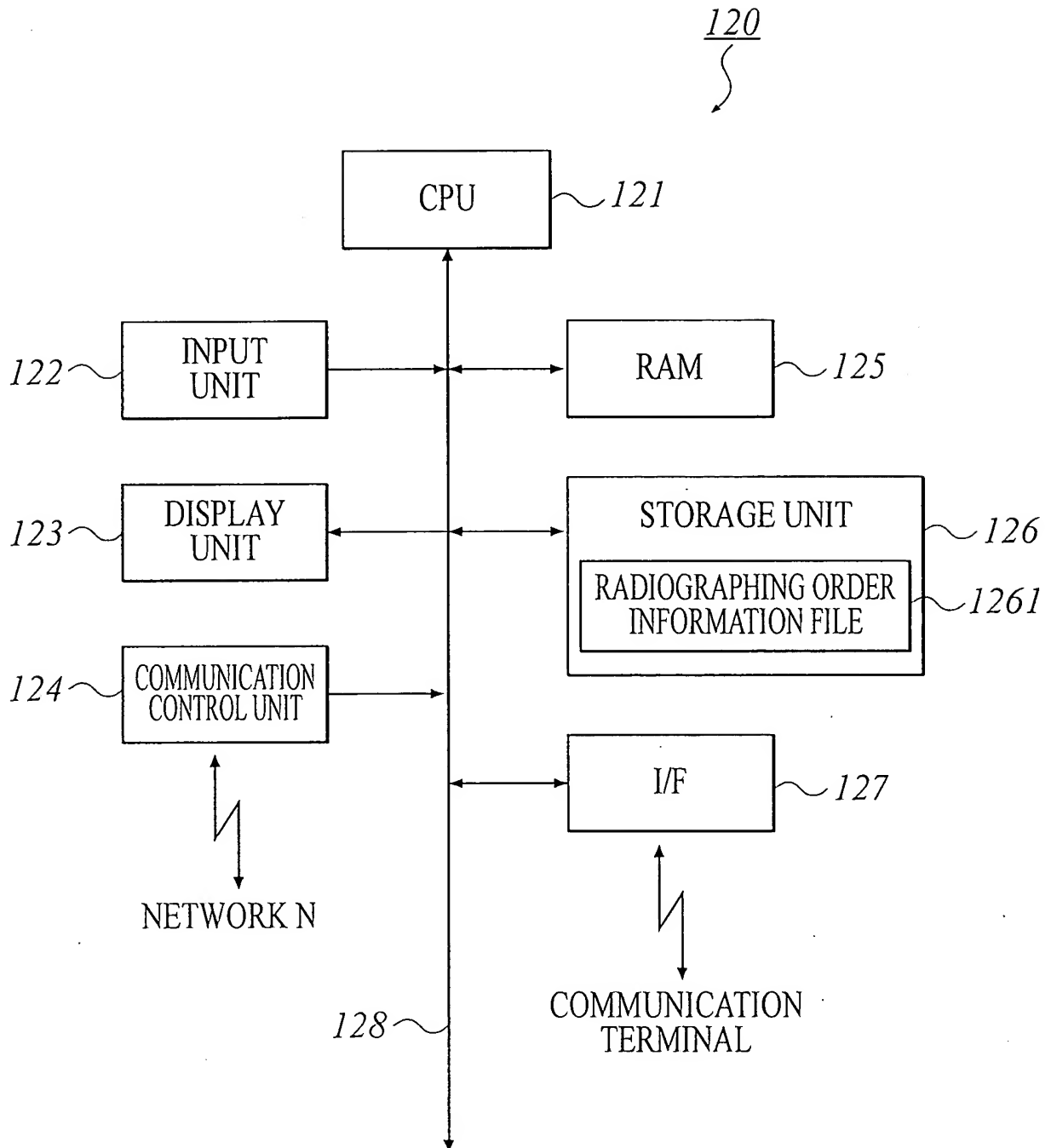


FIG.3

1161

RADIOGRAPHING ID	PATIENT ID	NAME	SEX	AGE	ROOM	DEPARTMENT	RADIOGRAPHING CONDITION	RADIOGRAPHING APPARATUS	NUMBER OF IMAGES	CASSETTE ID
20020101001	1000002	○○○○	MALE	40	101	SURGERY	SKULL-AD	A	3	
20020101002	1000002	○○○○	MALE	40	101	SURGERY	SKULL-PA	A	3	
20020101003	1000002	○○○○	MALE	40	101	SURGERY	CHEST-PA	B	4	
20020101004	1000002	○○○○	MALE	40	101	SURGERY	CHEST-RL	C	4	
20020101005	1000005	△△△△	FEMALE	50	205	INTERNAL MEDICINE	ABDOMEN-LAT	A	5	
20020101006	1000005	△△△△	FEMALE	50	205	INTERNAL MEDICINE	ABDOMEN-PA	B	5	
∴	∴	∴	∴	∴	∴	∴	∴	∴	∴	∴

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FIG 4



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FIG 5A

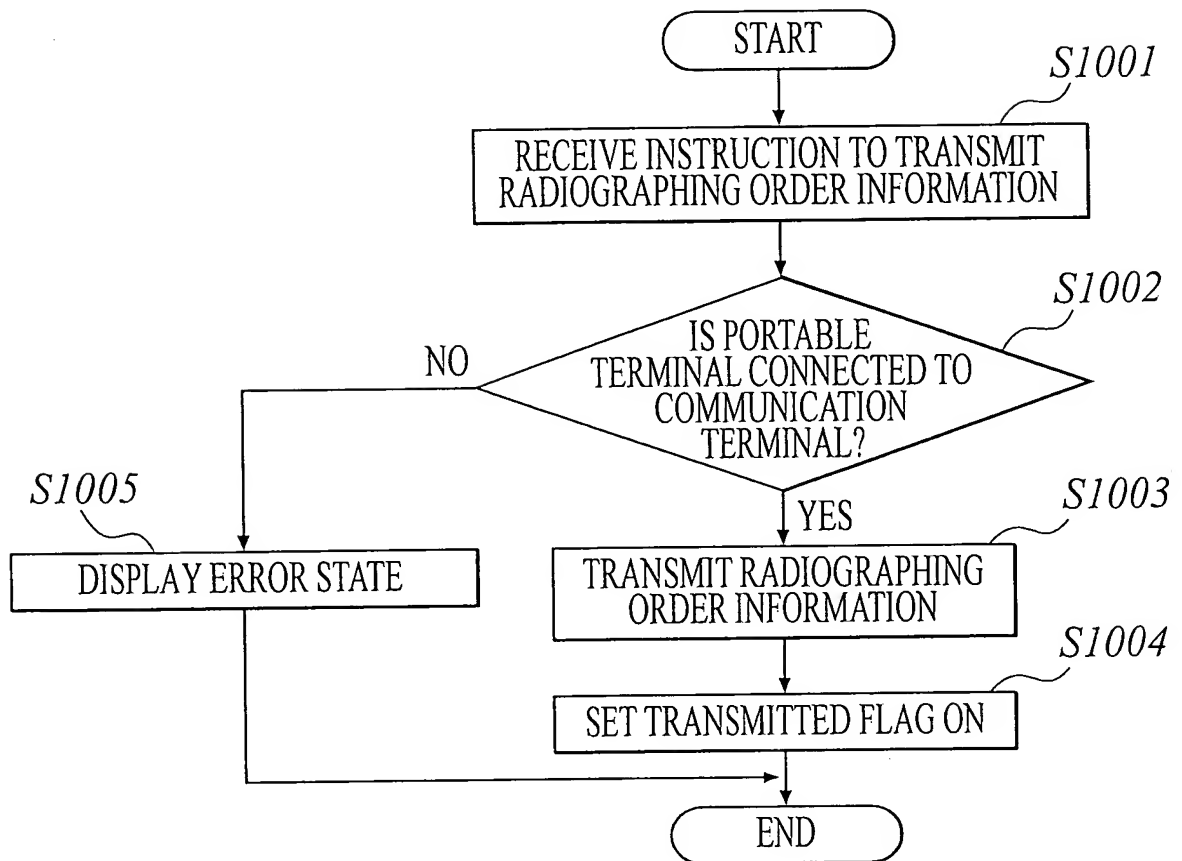
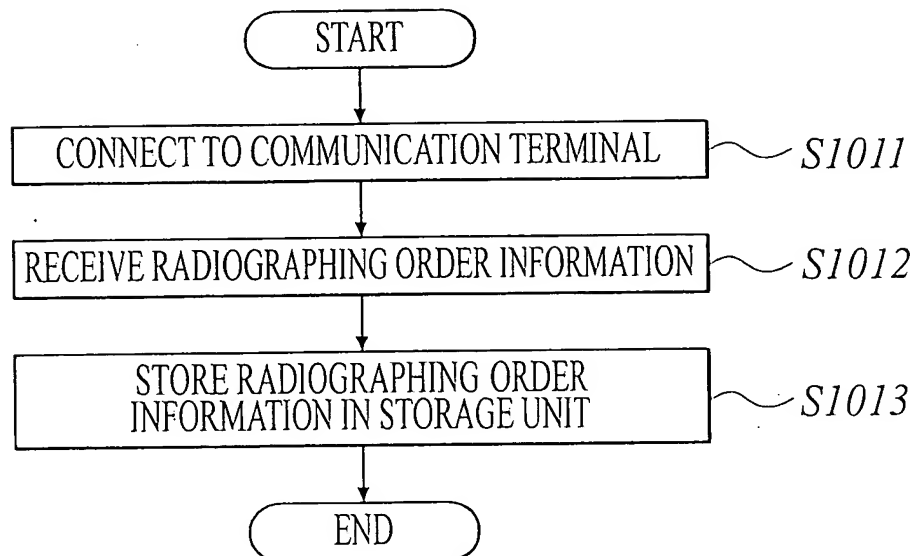


FIG 5B



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FIG 6

1231



SYSTEM MENU	
SYSTEM STATUS	OPERATOR SELECTION
EXAMINATION HISTORY	UTILITY
VIEW FORMAT SEARCH	OPERATION TYPE PORTABLE
SHUT DOWN	BACK

FIG. 7

1232

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OPERATOR: TARO SUZUKI

CONDITION

SCHEDULE 2

ITEM

SUSPEND 0

ITEM

ALL PDA DB DELETE

PATIENT ID	TYPE OF TAB	PATIENT NAME	SEX	BIRTH DATE	RADIOGRAPHING CONDITION	NUMBER OF IMAGES	SUSPEND
0001	→	ICHIRO YAMADA	MALE	/ /	CHEST ETC OBLIQUE	0/2	
12345		TARO SAKURA	MALE	/ /	INFANT CHEST -PA	0/2	

△

△

▽

▽

SELECT ALL

TRANSMIT

RECEIVE

NEW/SEARCH

MODIFY

DELETE

SET CONDITION

SELECTING CONDITION

RENEW LIST

CONFIRMATION SCREEN

FIG.8A

1233

8/42

OPERATOR:

PATIENT ID	12345	SEX	MALE	1/4
PATIENT NAME (ROMAN ALPHABET)	SAKURA TARO	BIRTH DATE (AGE)	1970-04-23 O'CLOCK M S (32 Y 10M)	△ △
PATIENT NAME (KANJI)	サクラ タロウ	BIRTH DATE (WITHOUT CLOCK)	1970-04-23 (32 Y 10M)	▽ ▽
PATIENT NAME (CHINESE CHARACTER)	桜 太郎	PATIENT COMMENTS		(SEARCH)

ABC	KEYBOARD	KANA															
a	b	c	d	e	f	g	_	h	i	j	k	l	m	n	@	DEL	BS
o	p	q	r	s	t	u	"	←	→	v	w	x	y	z			ENTER
Caps Lock	[Space]				&	;											

ALL CLEAR CANCEL OK

FIG. 8B

1234

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FAVORITE		R	[350]	[550]	[170]	CHEST ETC OBLIQUE	
HEAD	NECK	CHEST	ABDOMEN	SPINE	THORAX	<input type="checkbox"/>	<input type="checkbox"/>
UPE	LOE	INFANT	MAMMO	SPECIAL	TEST	<input type="checkbox"/>	<input type="checkbox"/>
ERECT CHEST	A→P	P→A	LAT			<input type="checkbox"/>	<input type="checkbox"/>
SUPINE CHEST	A→P	LAT	DECUBITUS			<input type="checkbox"/>	<input type="checkbox"/>
CHEST ETC	OBLIQUE	APICAL	EXPIRATION	PNEUMOTHORAX		<input type="checkbox"/>	<input type="checkbox"/>
INFANT CHEST	A→P	P→A	LAT	OBLIQUE		<input type="checkbox"/>	<input type="checkbox"/>
INFANT CHEST AND ABDOMEN	A→P	P→A	LAT			<input type="checkbox"/>	<input type="checkbox"/>
FOLLOW-UP	A→P	INFANT PA				<input type="checkbox"/>	<input type="checkbox"/>

SCHEDULE

< <

1/5

> >

CANCEL

OK

10 / 42
FIG 9

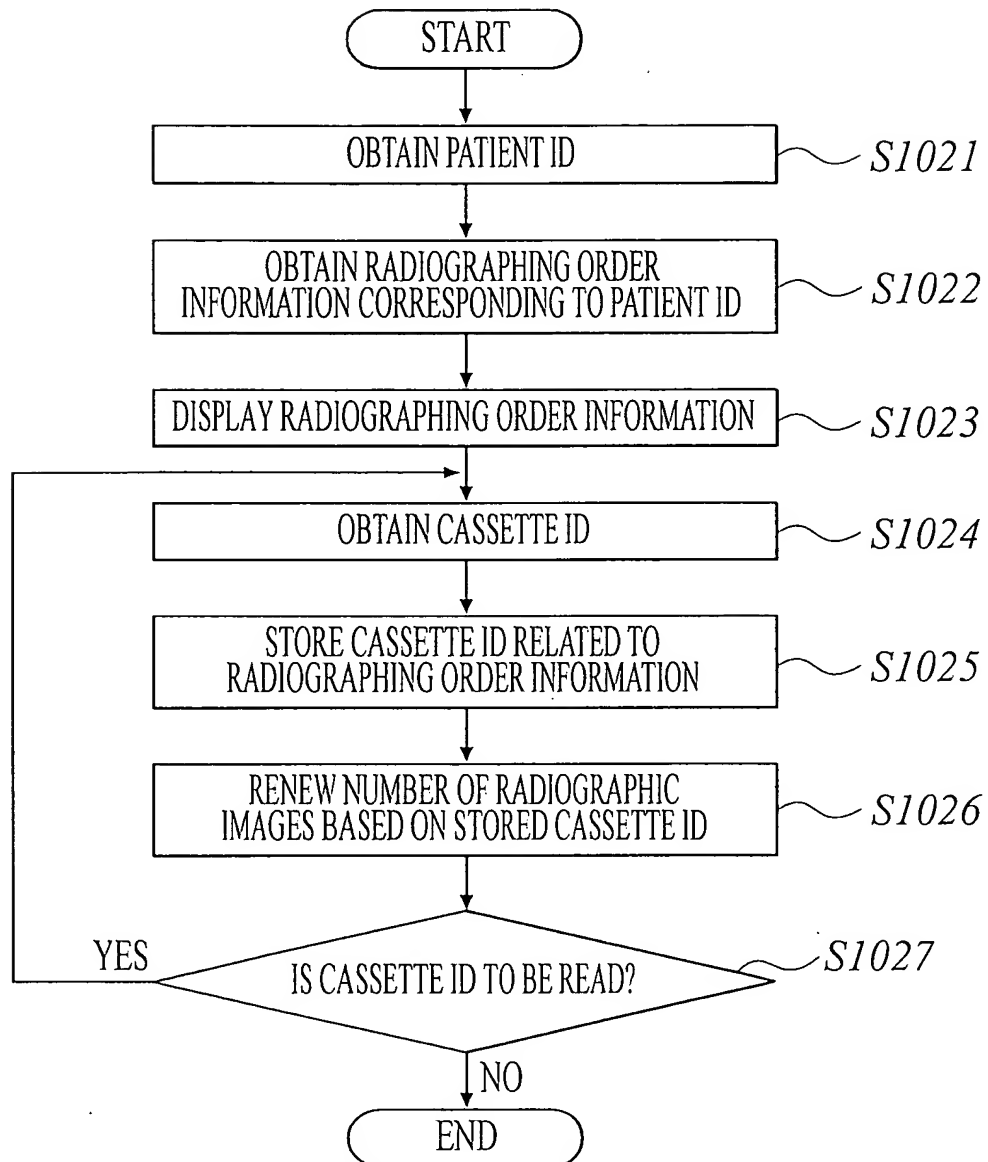


FIG.10A

1131

0/2

ALL

<div>1</div> <div>PATIENT ID</div>	<div>2</div> <div>NAME (ROMAN ALPHABET)</div>	<div>3</div> <div>WARD</div>
0001	ICHIRO YAMADA	
12345	TARO SAKURA	

FIG.10B

1132

ICHIRO YAMADA

PATIENT ID

0001

SEX

M

AGE

WARD

ROOM

01/02

CHEST ETC OBLIQUE

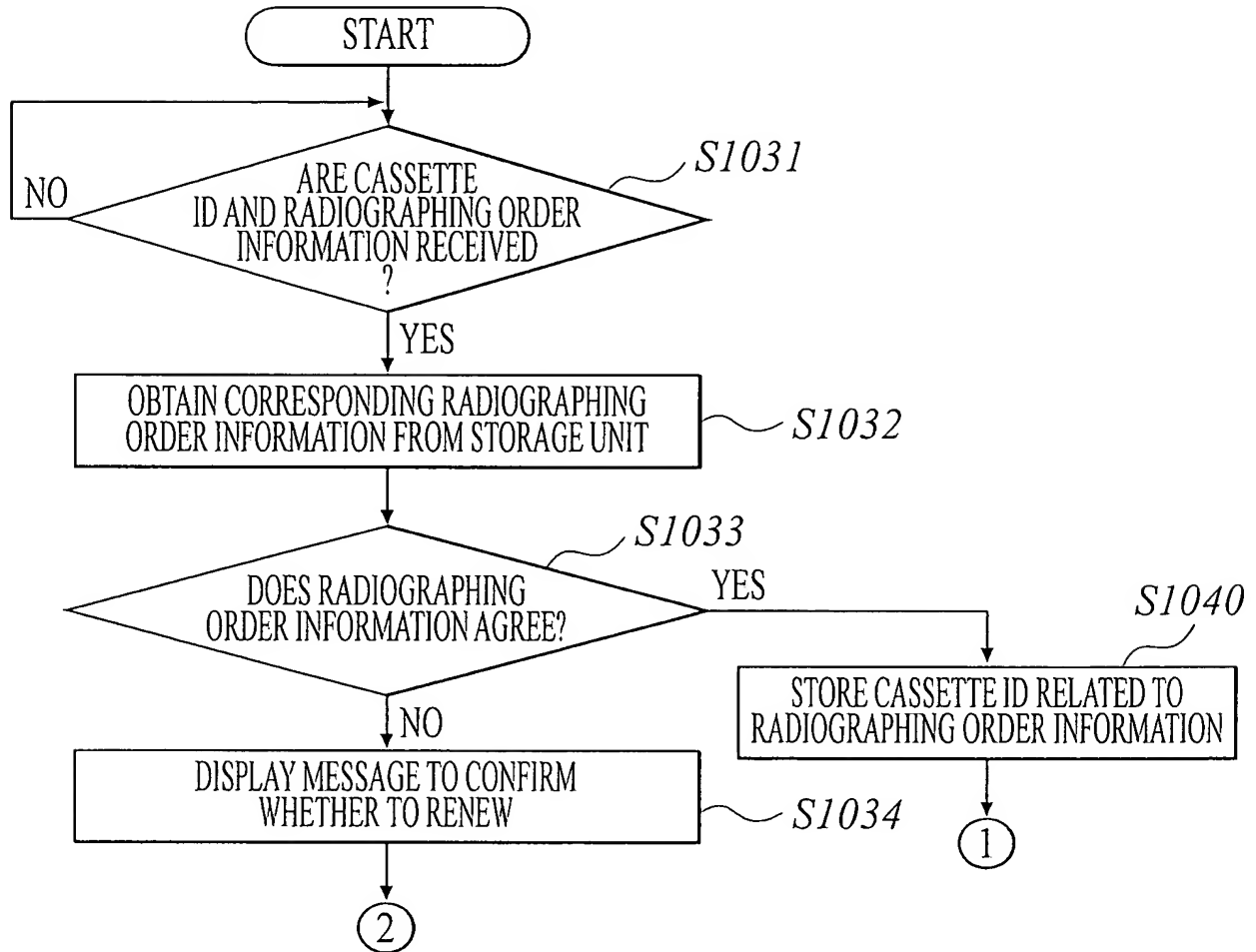
04000108022016

CHEST ETC APICAL

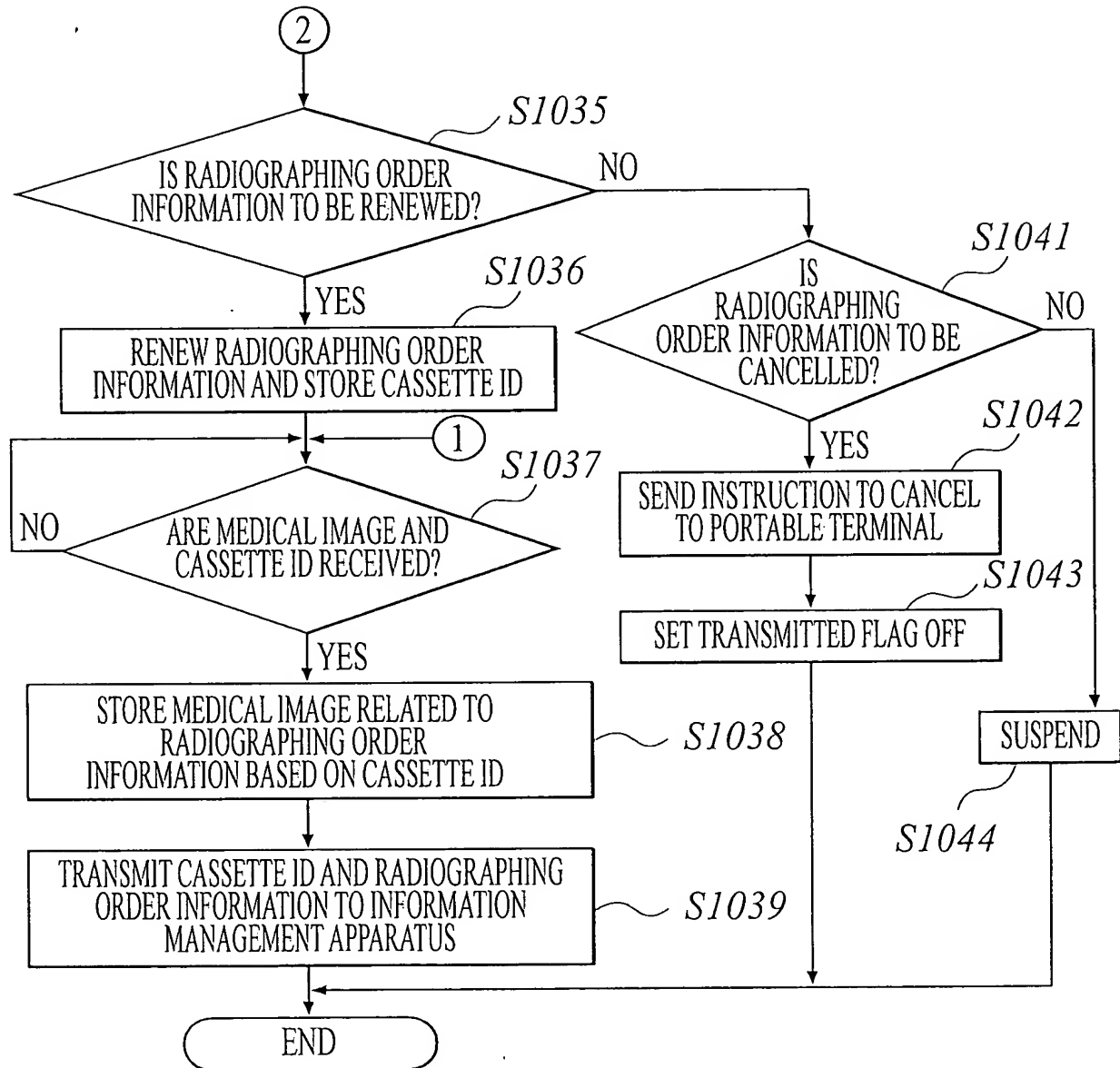
CANCEL

OK

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FIG 11A



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FIG 11B



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FIG 12

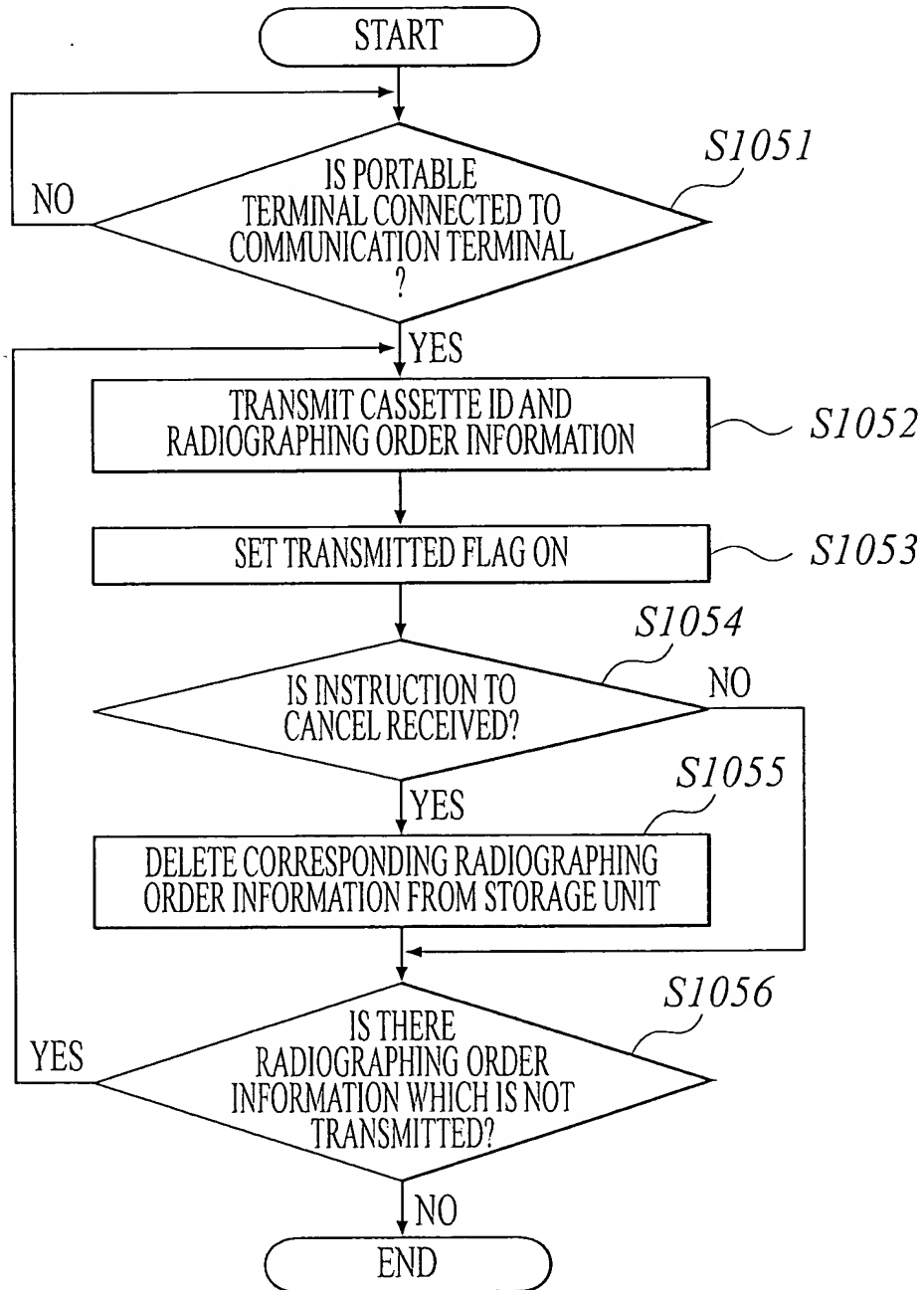


FIG.13B

1236

OPERATOR:TARO SUZUKI

CONDITION

SCHEDULE 2

ITEM 0

ITEM 0

ALL PDA DB DELETE

PATIENT ID	TYPE OF TAB	PATIENT NAME	SEX	BIRTH DATE	RADIOGRAPHING CONDITION	NUMBER OF IMAGES	SUSPEND
0001	→	ICHIRO YAMADA	MALE	/ /	CHEST ETC OBLIQUE	0/2	
12345					FRONT VIEW		

△

△

△

▽

▽

▽

SELECT ALL

TRANSMIT

RECEIVE

NEW/SEARCH

MODIFY

DELETE

SET CONDITION

SELECTING CONDITION

RENEW LIST

CONFIRMATION SCREEN

RADIOGRAPHING ORDER INFORMATION DISAGREES.
CASSETTE ID IS NOT STORED.
IS RADIOGRAPHING ORDER INFORMATION TO BE CANCELLED?

YES

NO

FIG.14

1237

OPERATOR : TARO SUZUKI				MODIFY CONDITION	MODIFY PATIENT
<div> <div>PATIENT ID 0001</div> <div>PATIENT NAME</div> <div>ICHIRO YAMADA</div> </div>	<div> <div>PATIENT ID 0001</div> <div>PATIENT NAME</div> <div>ICHIRO YAMADA</div> </div>	<div> <div>PATIENT ID 12345</div> <div>PATIENT NAME</div> <div>TARO SAKURA</div> </div>	<div> <div>PATIENT ID 12345</div> <div>PATIENT NAME</div> <div>TARO SAKURA</div> </div>		
<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>ORDER=5 SERIES=1 IMAGE=1</div> <div> <div>CHEST ETC OBLIQUE</div> <div> <div>01000108022016</div> <div>1010032010001120000</div> </div> </div> </div>	<div> <div>NG</div> <div>OK</div> </div>
<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>ORDER=6 SERIES=1 IMAGE=2</div> <div> <div>CHEST ETC APICAL</div> <div> <div>0400044833940</div> <div>101003201000110000</div> </div> </div> </div>	<div> <div>NG</div> <div>OK</div> </div>
<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>ORDER=7 SERIES=1 IMAGE=1</div> <div> <div>INFANT CHEST-PA</div> <div> <div>01001412315193</div> <div>101003205000120000</div> </div> </div> </div>	<div> <div>NG</div> <div>OK</div> </div>
<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>170</div> <div> <div></div> <div>RESOLUTION: NORMAL</div> </div> </div>	<div> <div>ORDER=8 SERIES=1 IMAGE=2</div> <div> <div>INFANT CHEST-PA</div> <div> <div>04001041347505</div> <div>101003205000110000</div> </div> </div> </div>	<div> <div>NG</div> <div>OK</div> </div>
<div> <div><<<</div> <div><</div> <div>></div> <div>>>></div> </div>				SUSPEND	COMPLETE

FIG.15

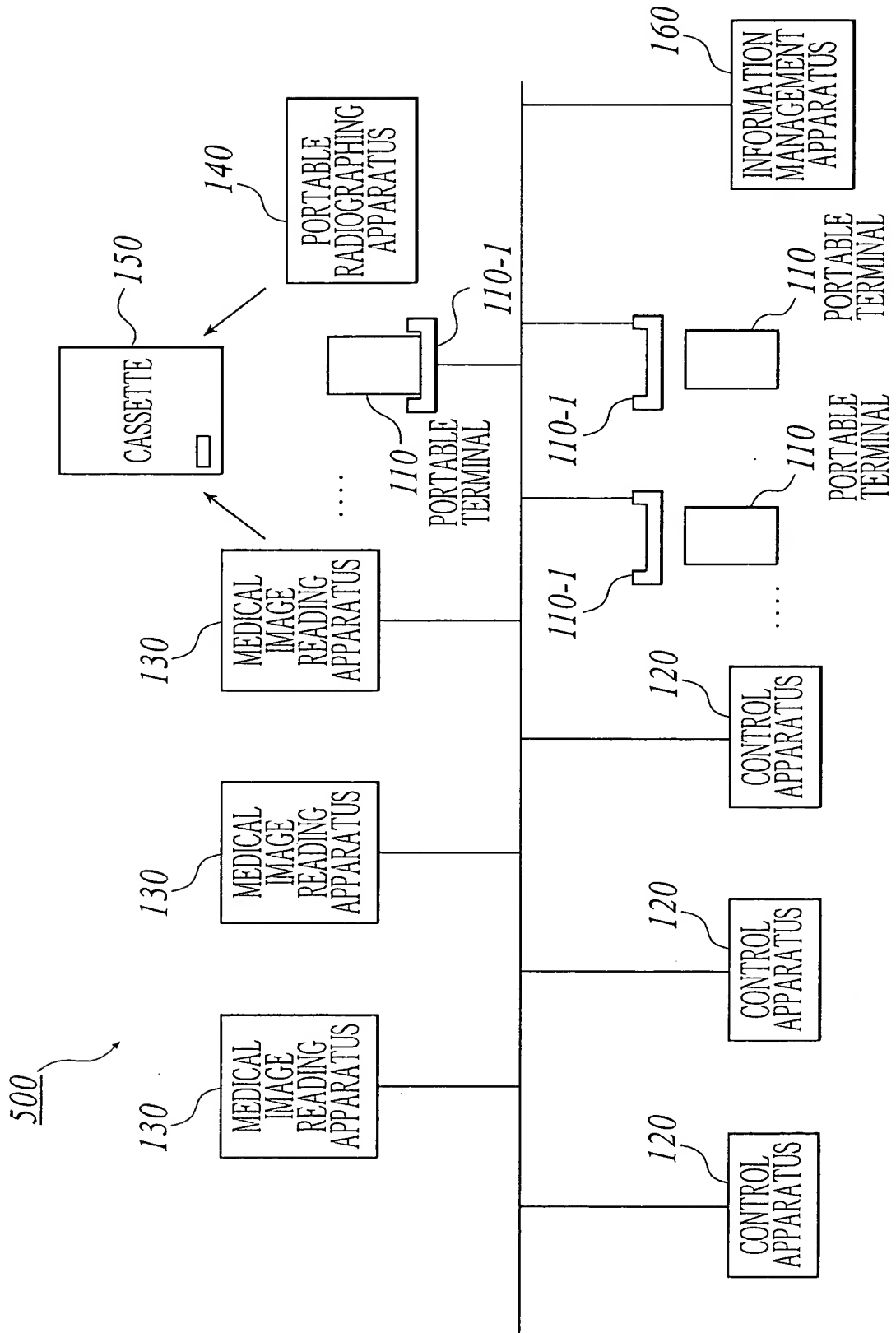
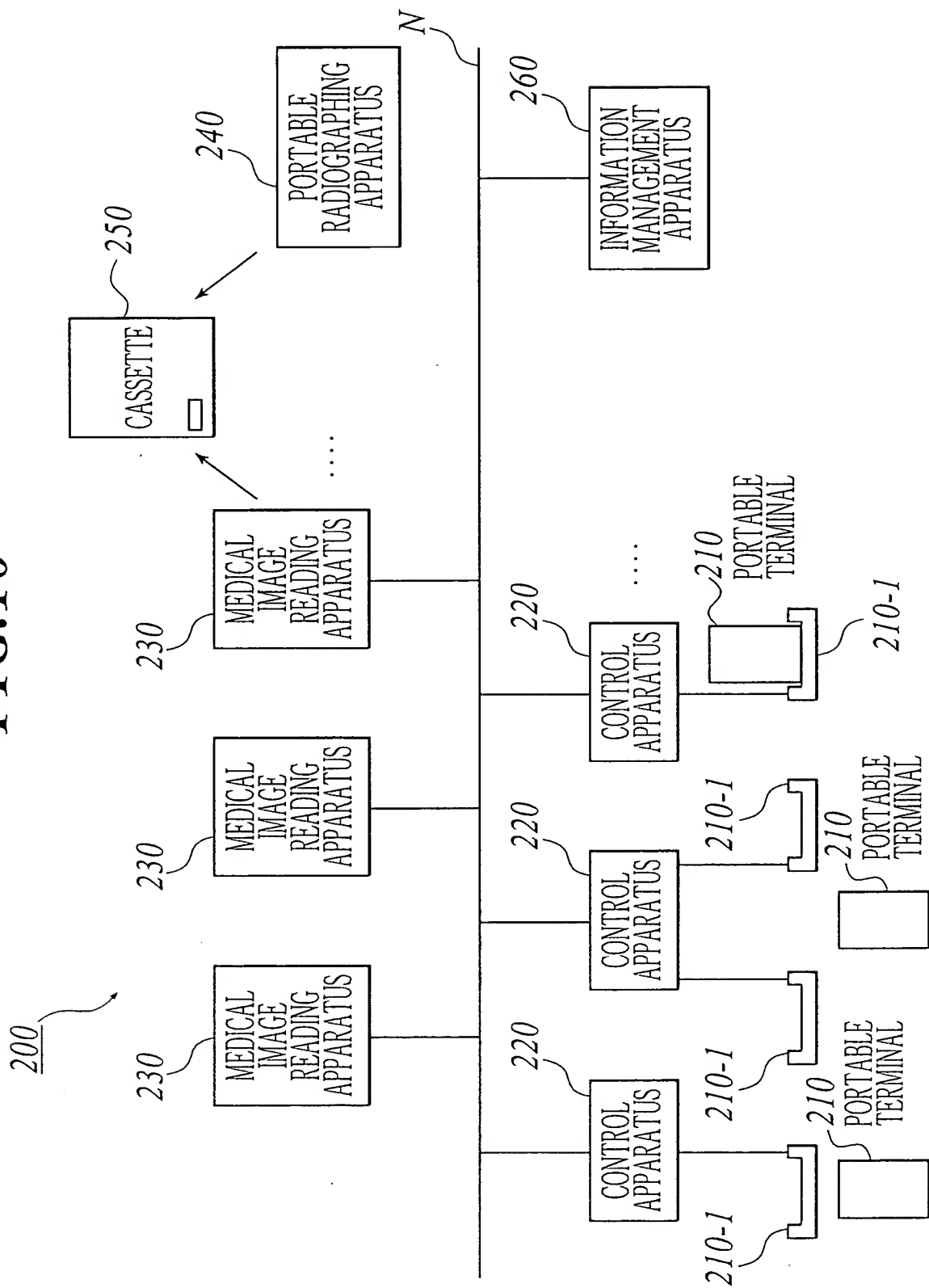
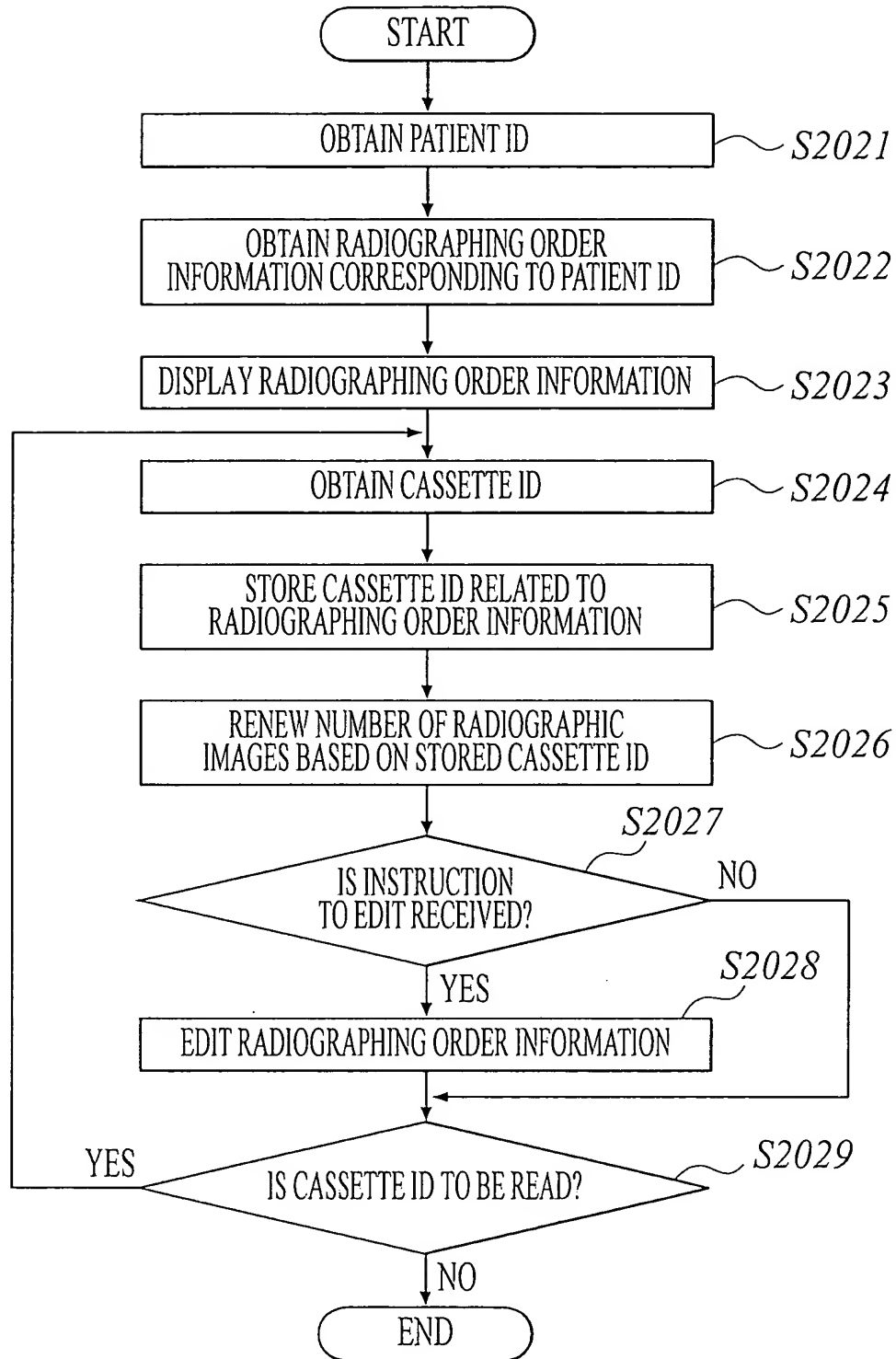


FIG.16



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FIG 17



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FIG 18A

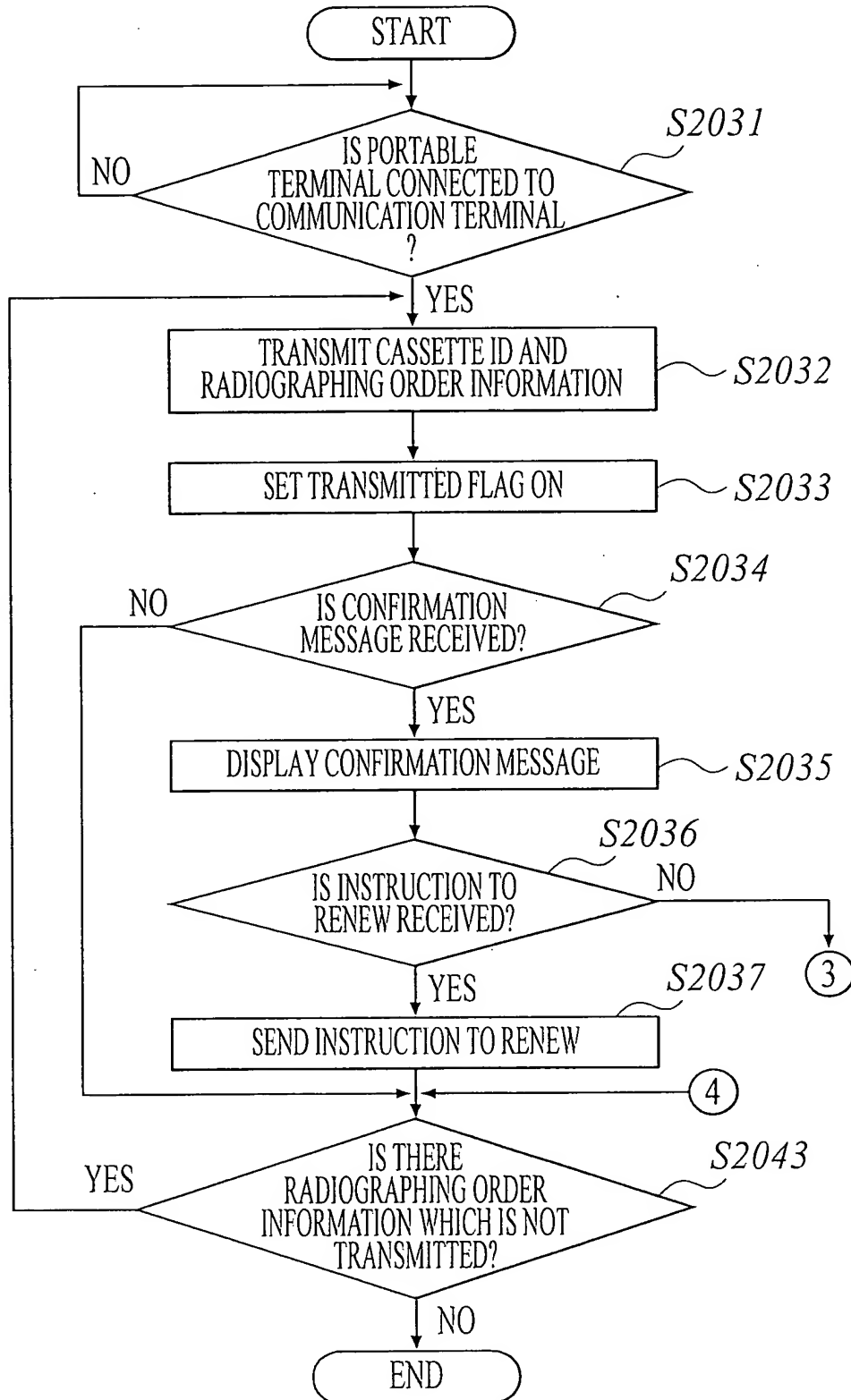
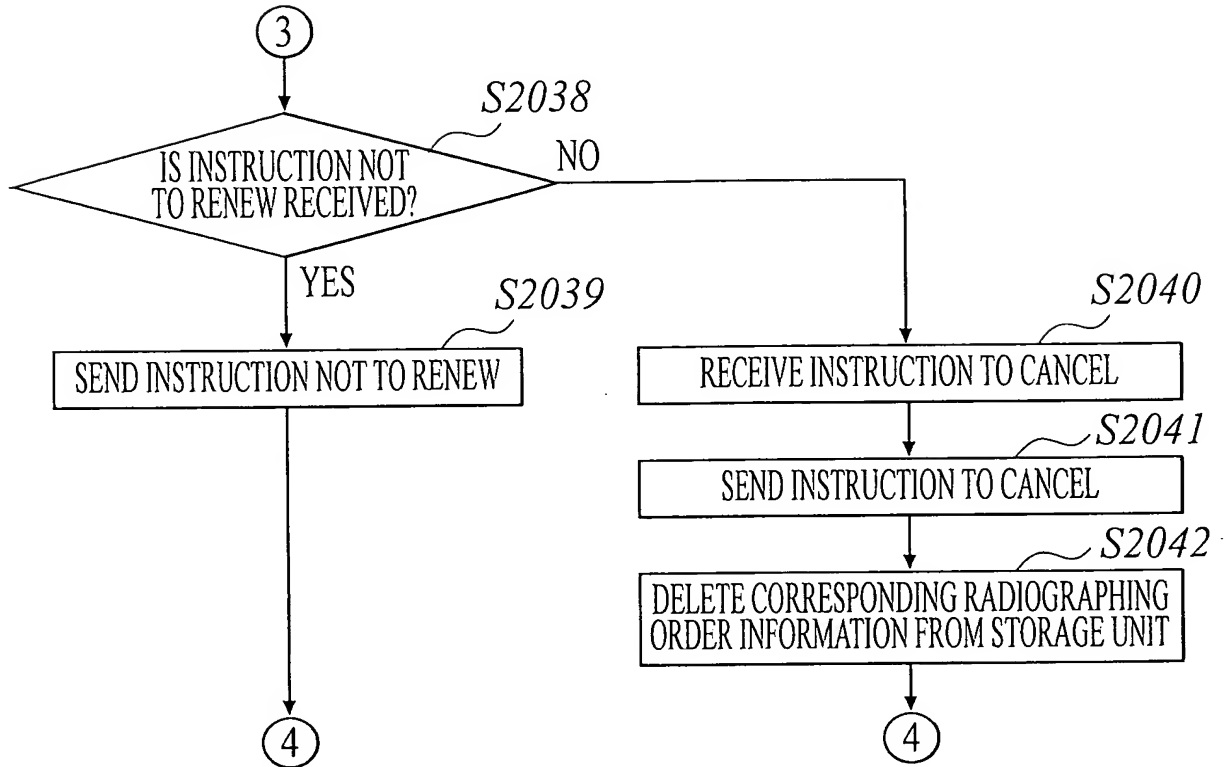
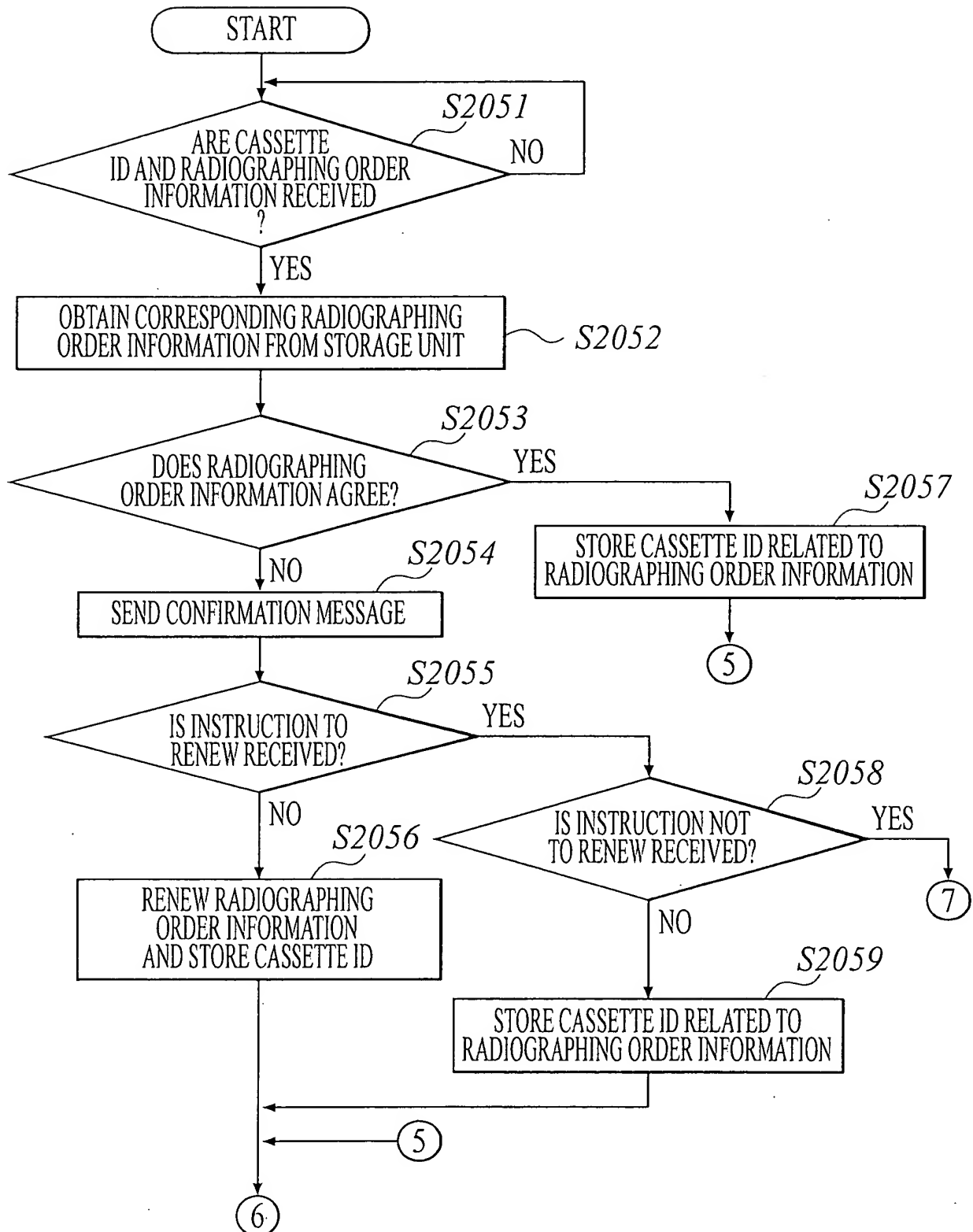


FIG 18B

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FIG 19A



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FIG 19B

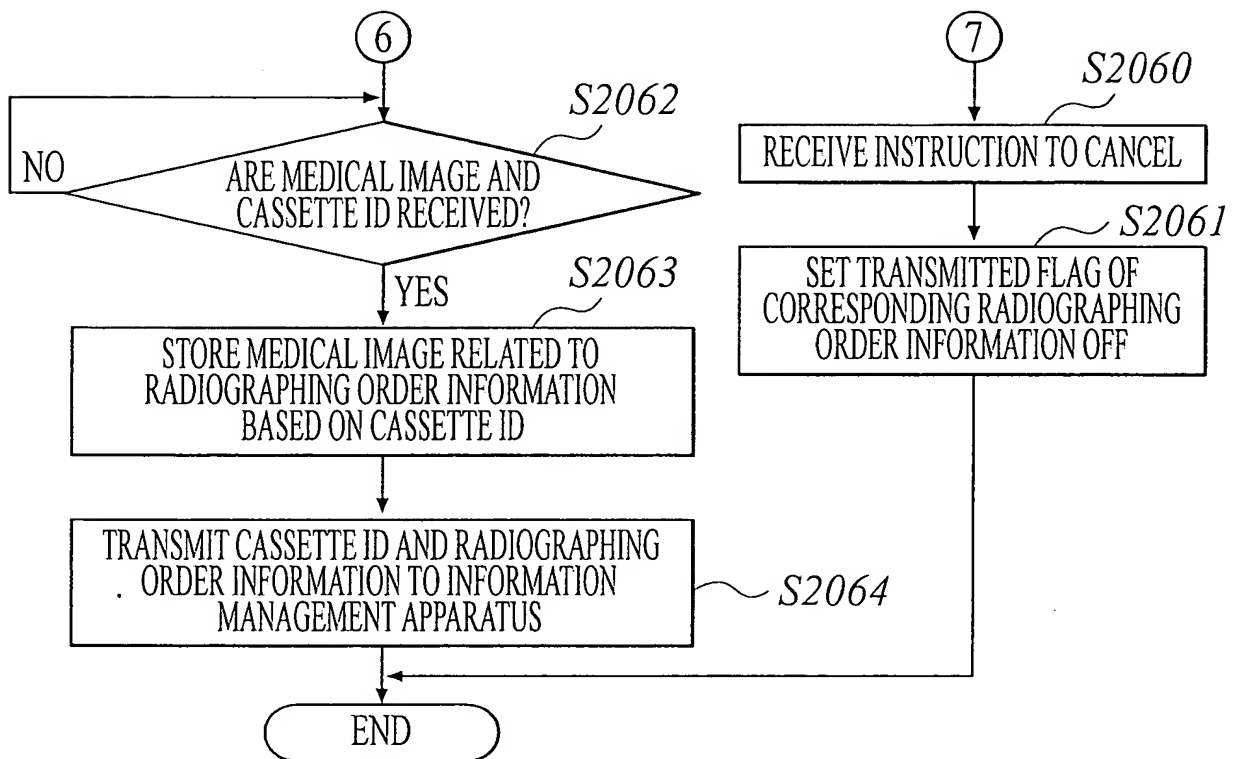


FIG. 20A

2133

ICHIRO YAMADA			
PATIENT ID	0001		
SEX	M	AGE	
WARD		ROOM	

01/02

RADIOGRAPHING ORDER INFORMATION DISAGREES.
 ARE DATA TO BE RENEWED?

YES NO

CANCEL OK

FIG. 20B

2134

ICHIRO YAMADA			
PATIENT ID	0001		
SEX	M	AGE	
WARD		ROOM	

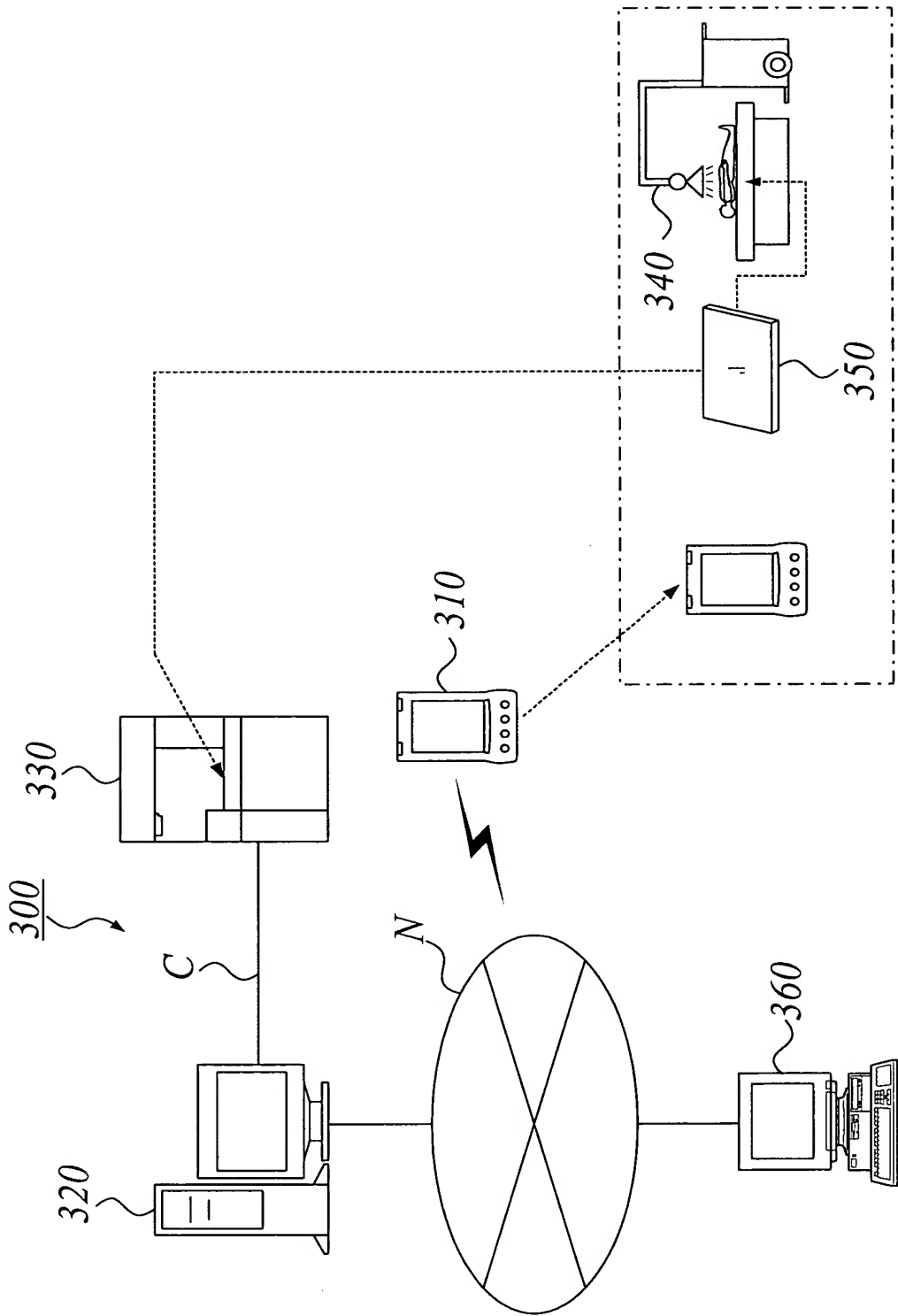
01/02

RADIOGRAPHING ORDER INFORMATION DISAGREES.
 CASSETTE ID IS NOT STORED.
 IS RADIOGRAPHING ORDER INFORMATION TO BE CANCELED?

YES NO

CANCEL OK

FIG. 21



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FIG 22

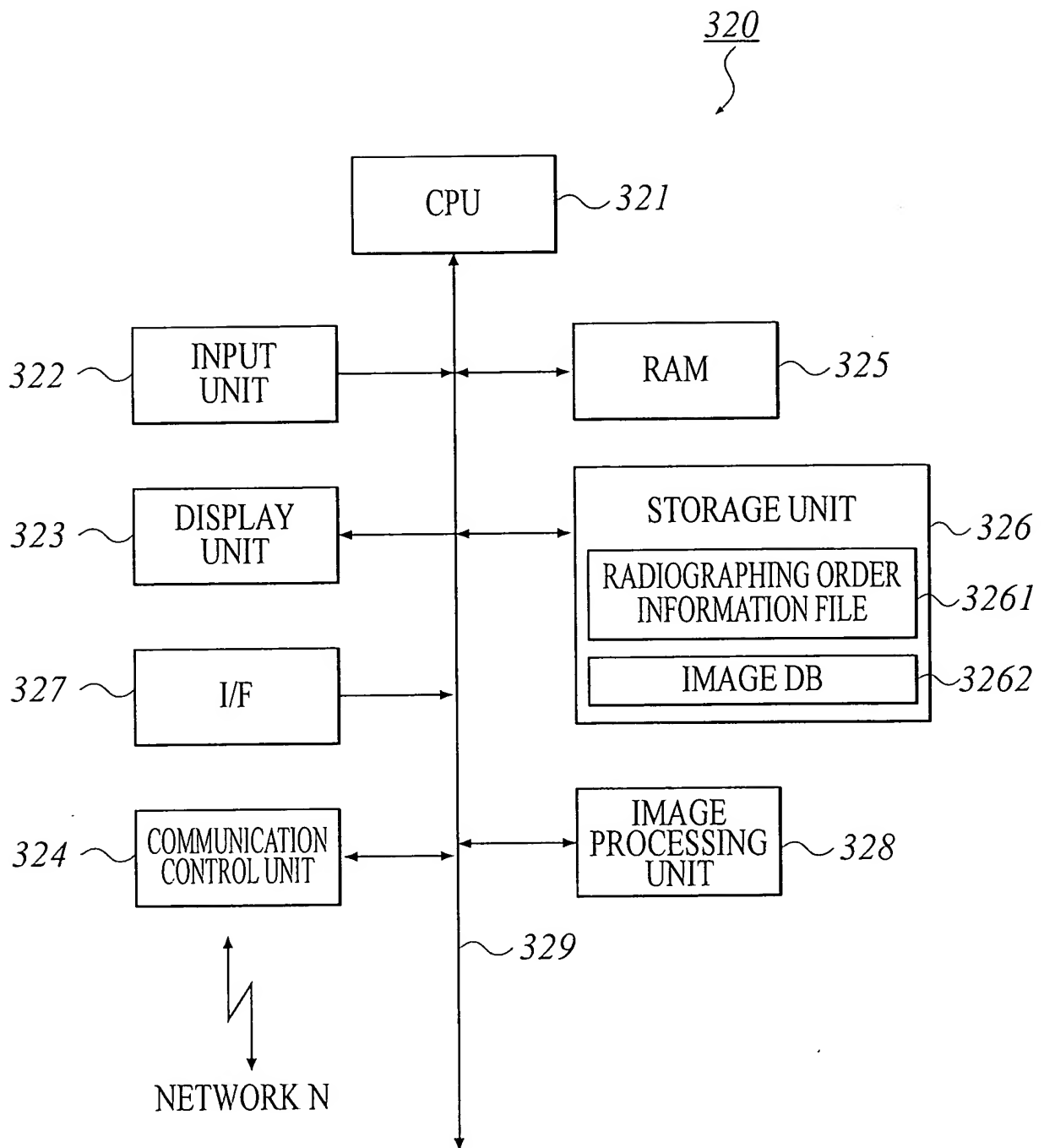
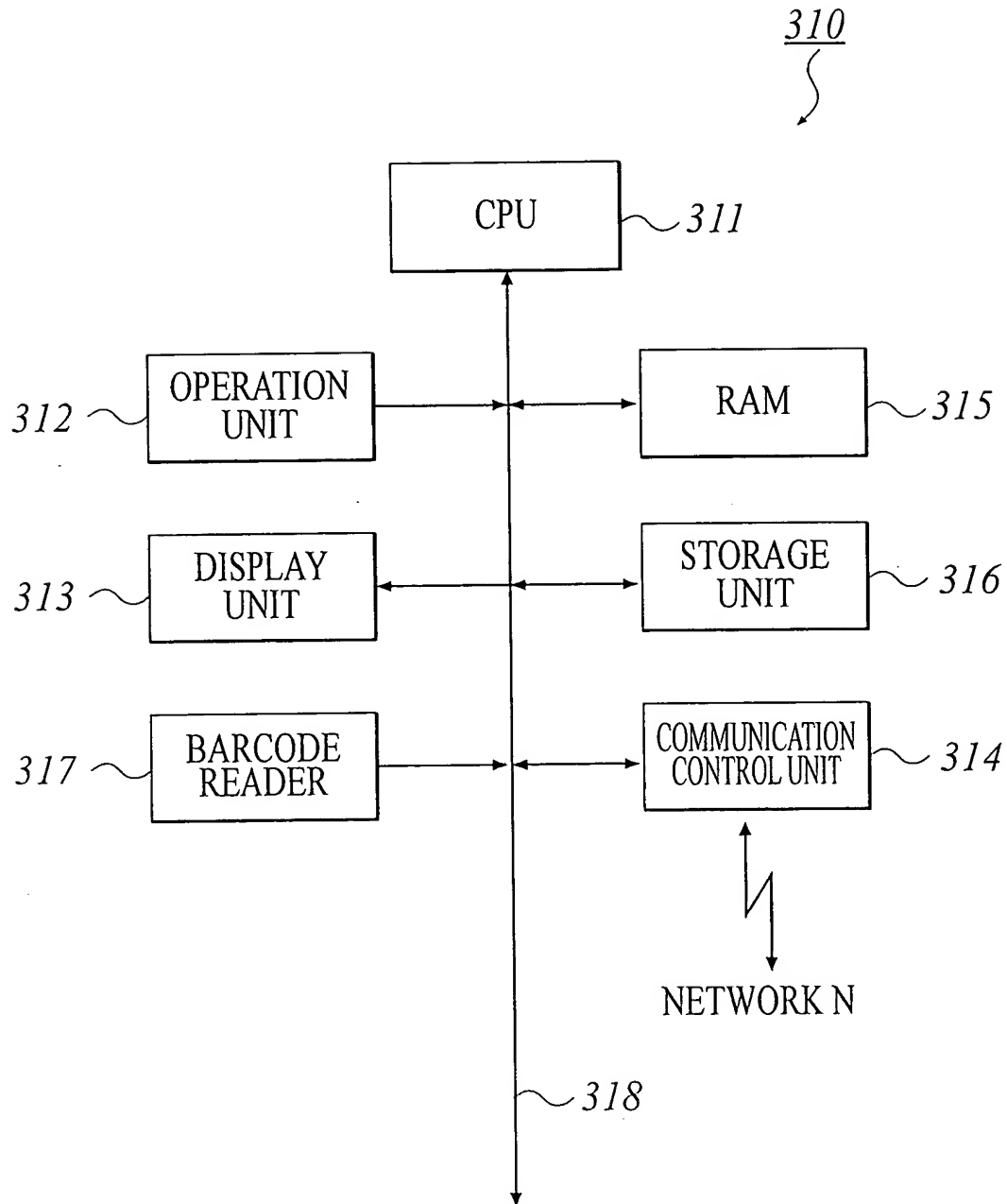


FIG. 23

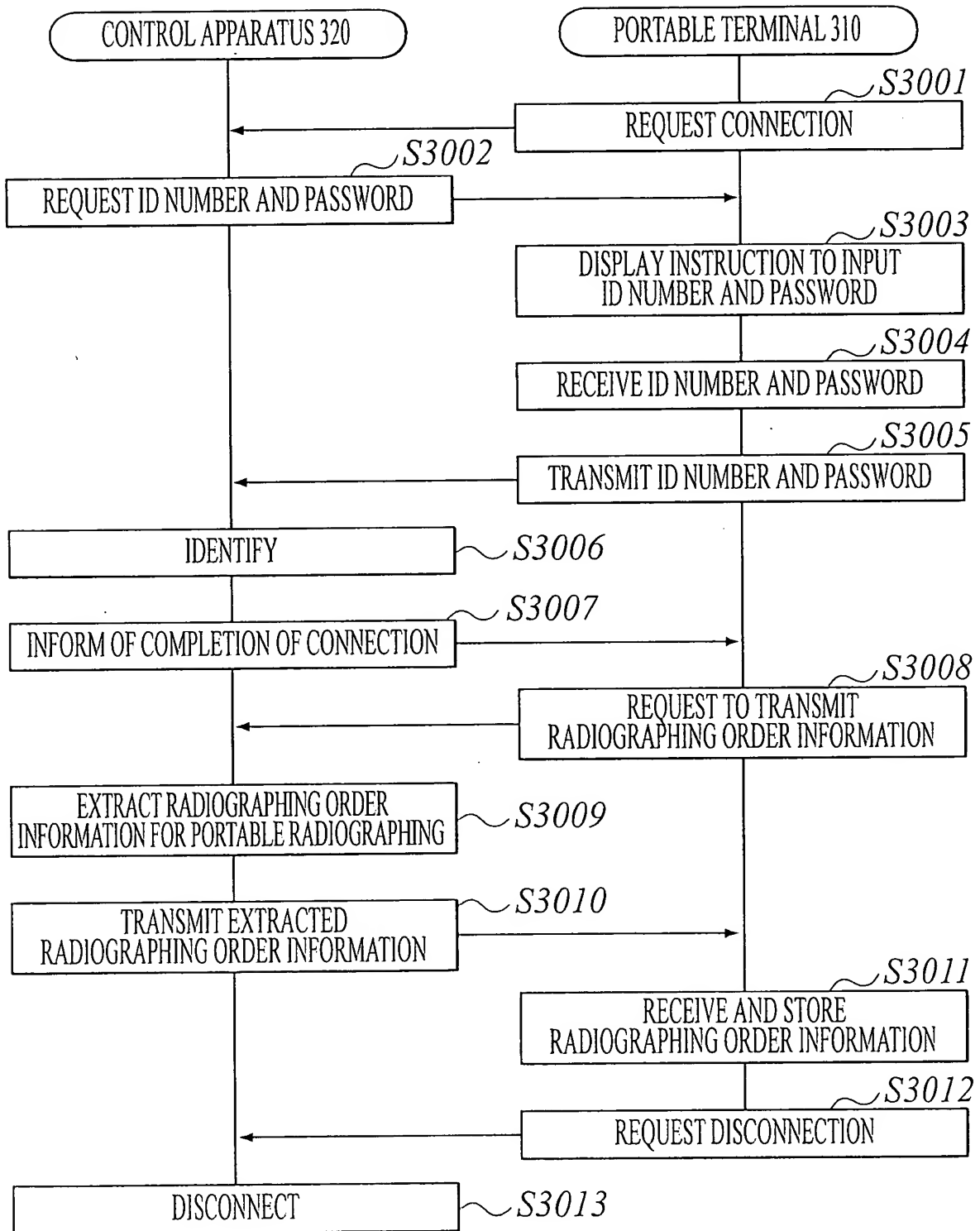
3261

[illegible]

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FIG 24



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FIG 25



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FIG 26

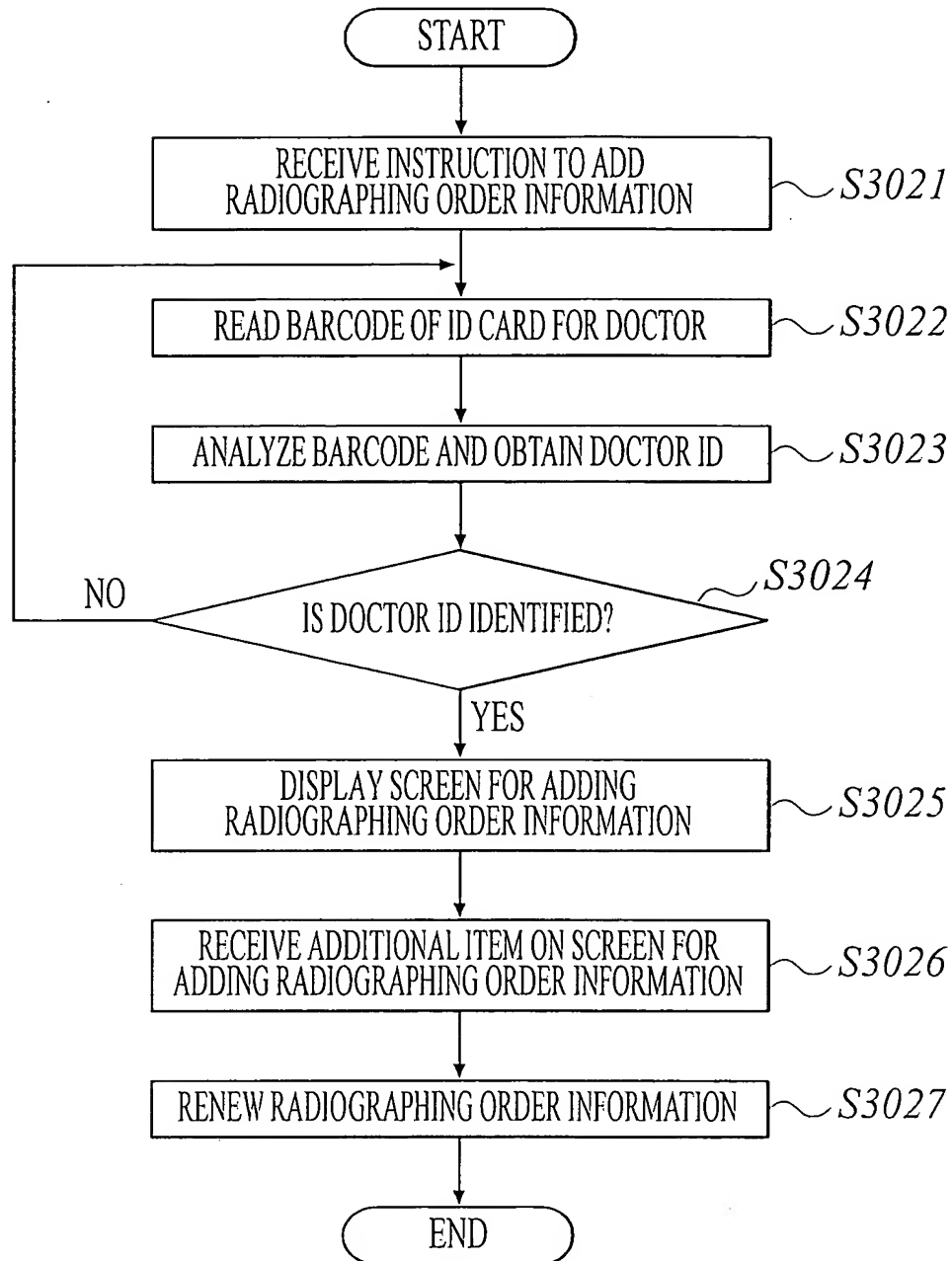


FIG. 27A

SCREEN FOR ADDING
RADIOGRAPHING ORDER INFORMATION 3131

PATIENT ID 3131a

ADD 3131b

FIG. 27B

PATIENT NAME: $\triangle \triangle \triangle \triangle$ 3132

FORWARD PAGE **NEXT PAGE**

SKULL	AP	PA	LAT
THREE DIRECTIONS			
SKULL	SKULL	SKULL	
SELLA TURCICA	AP	LAT	
ACCESSORY SINUS	PA	WATERS	COLD WALE
	LAT	TWO DIRECTIONS	

SKULL-AP **CANCEL** **OK**

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FIG 28

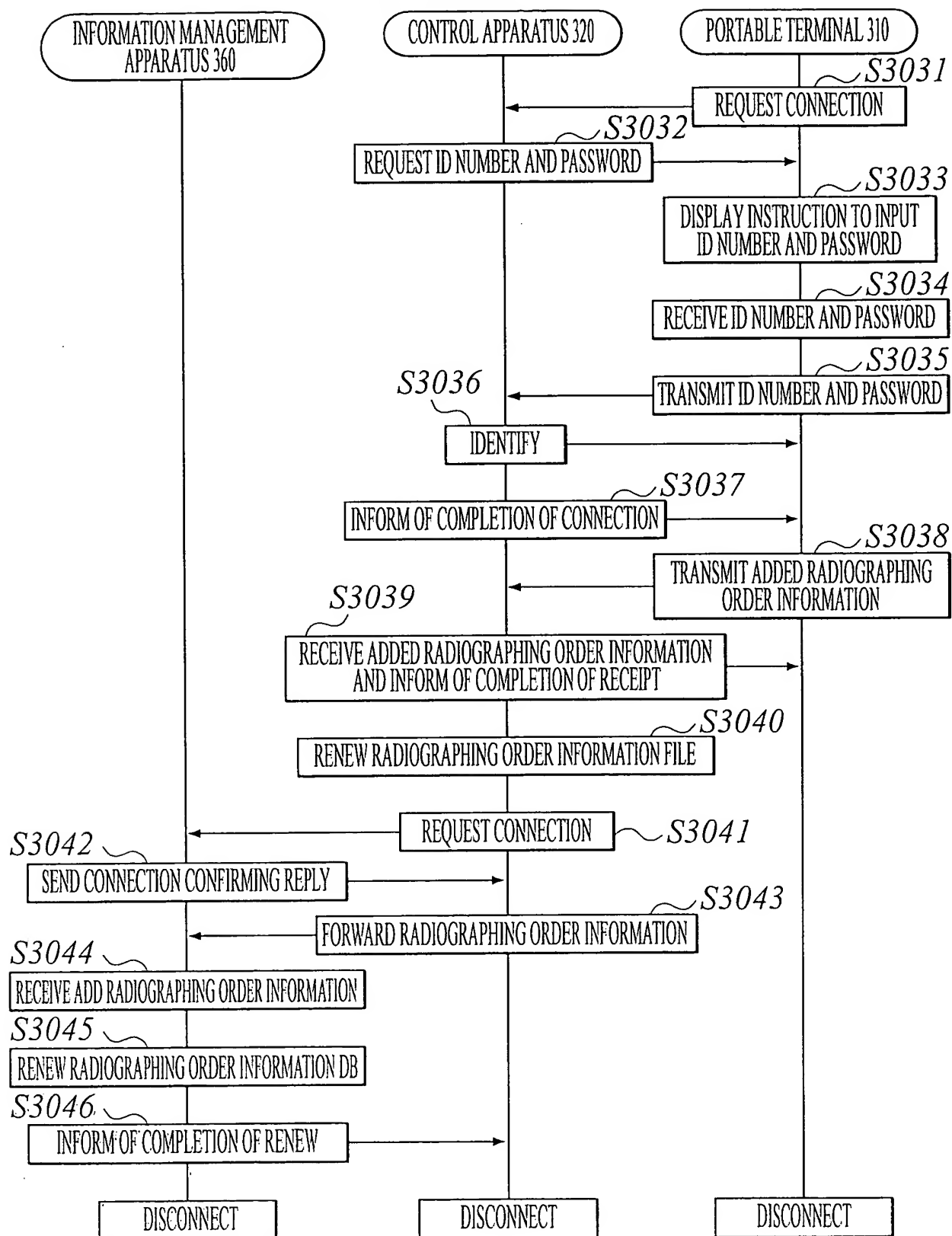


FIG. 29

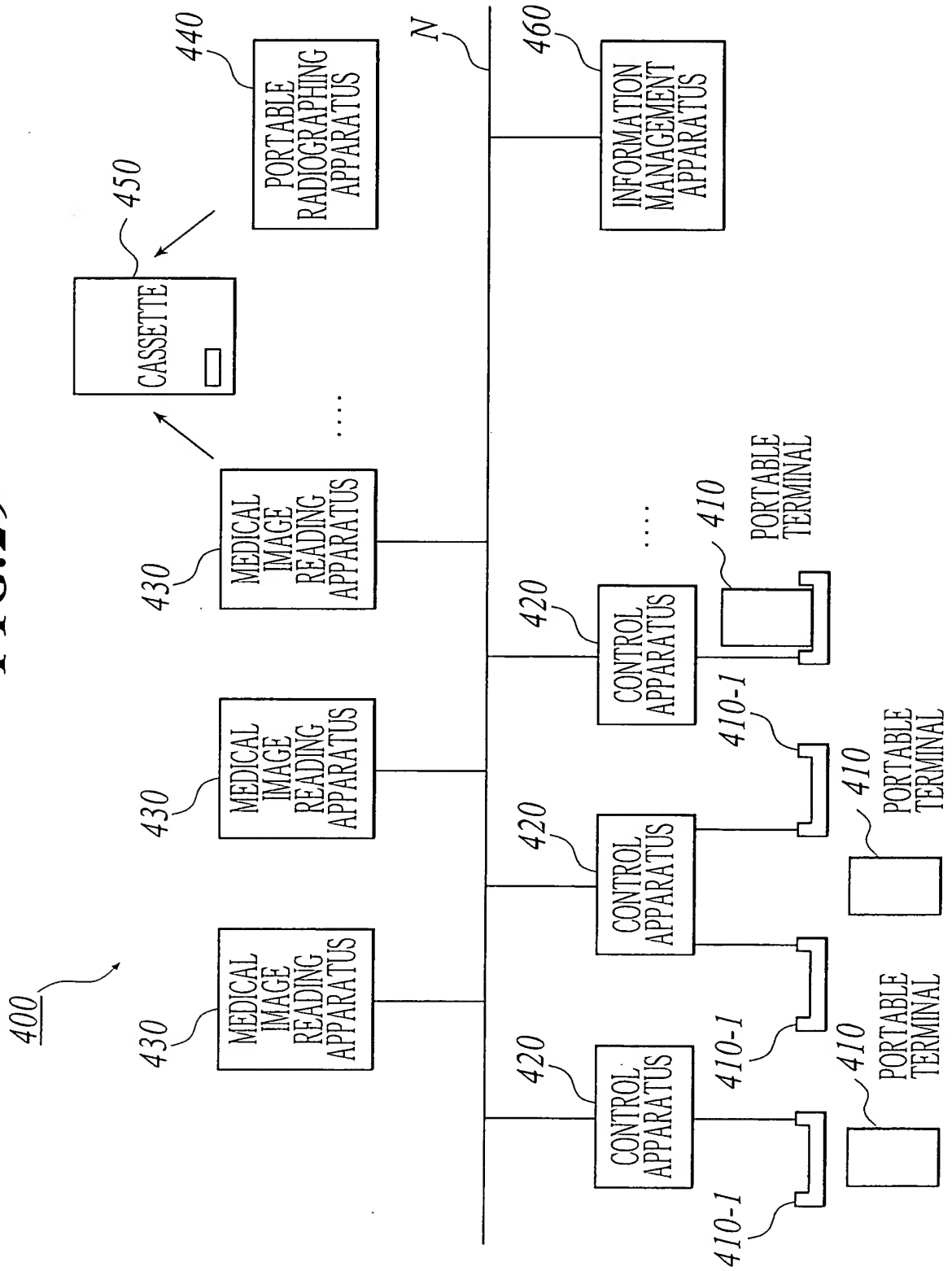


FIG. 30

4161

[illegible]

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FIG 31

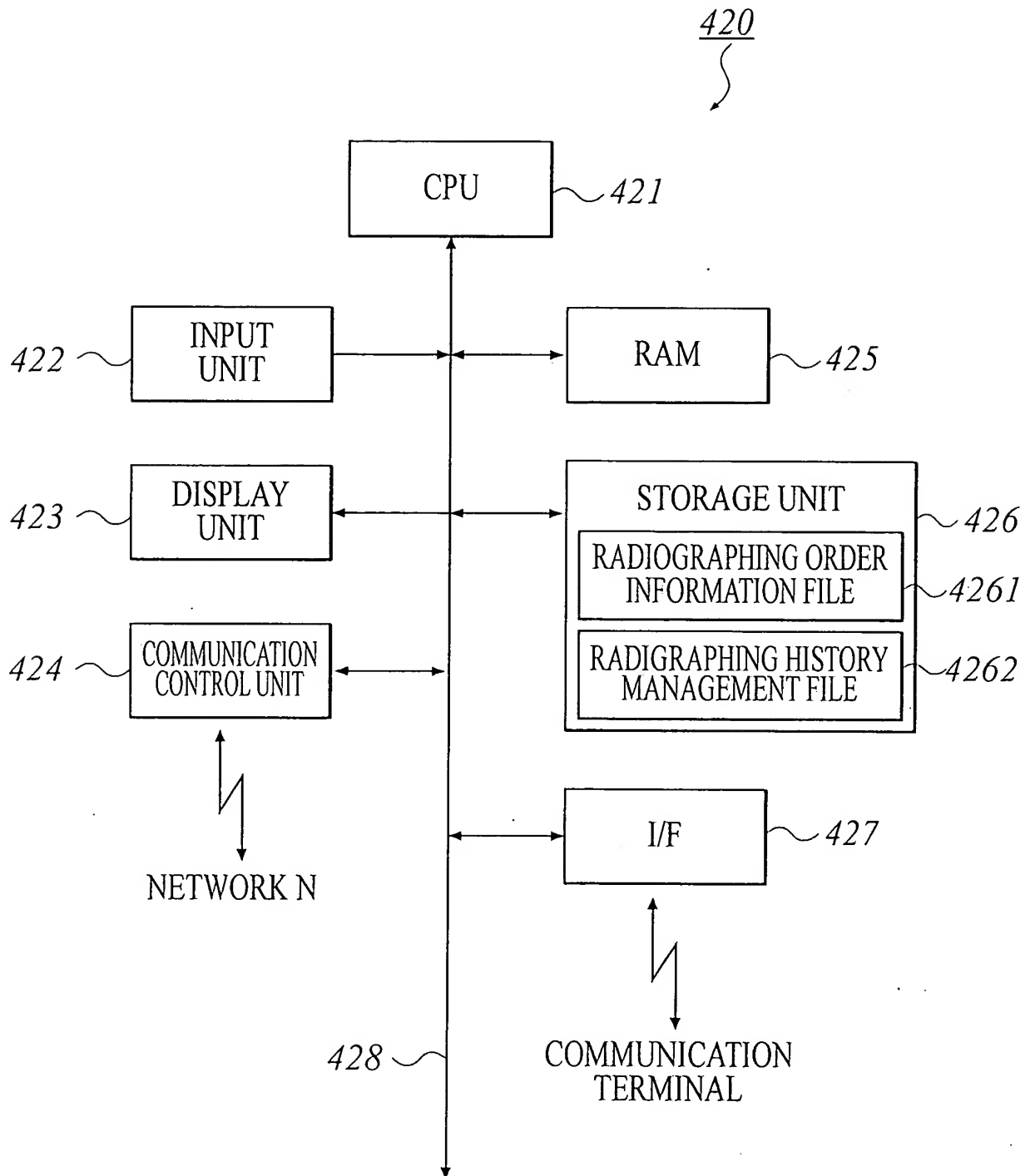


FIG.32

4262 ↘

RADIOGRAPHING ID	RADIOGRAPHING DATE	OPERATOR ID	CASSETTE ID	RADIOGRAPHING APPARATUS ID	READING APPARATUS ID	ERROR FLAG
20020101001	2003/3/3	SATO1234	04000108022016	A101010	E1100101	
20020101002	2003/3/3	TANAKA2513	10100760100100	A221101	F1210012	V
20020101003	2003/3/4	SUZUKI777	040000444833940	B001001	H3302009	
⋮	⋮	⋮	⋮	⋮	⋮	⋮

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FIG 33

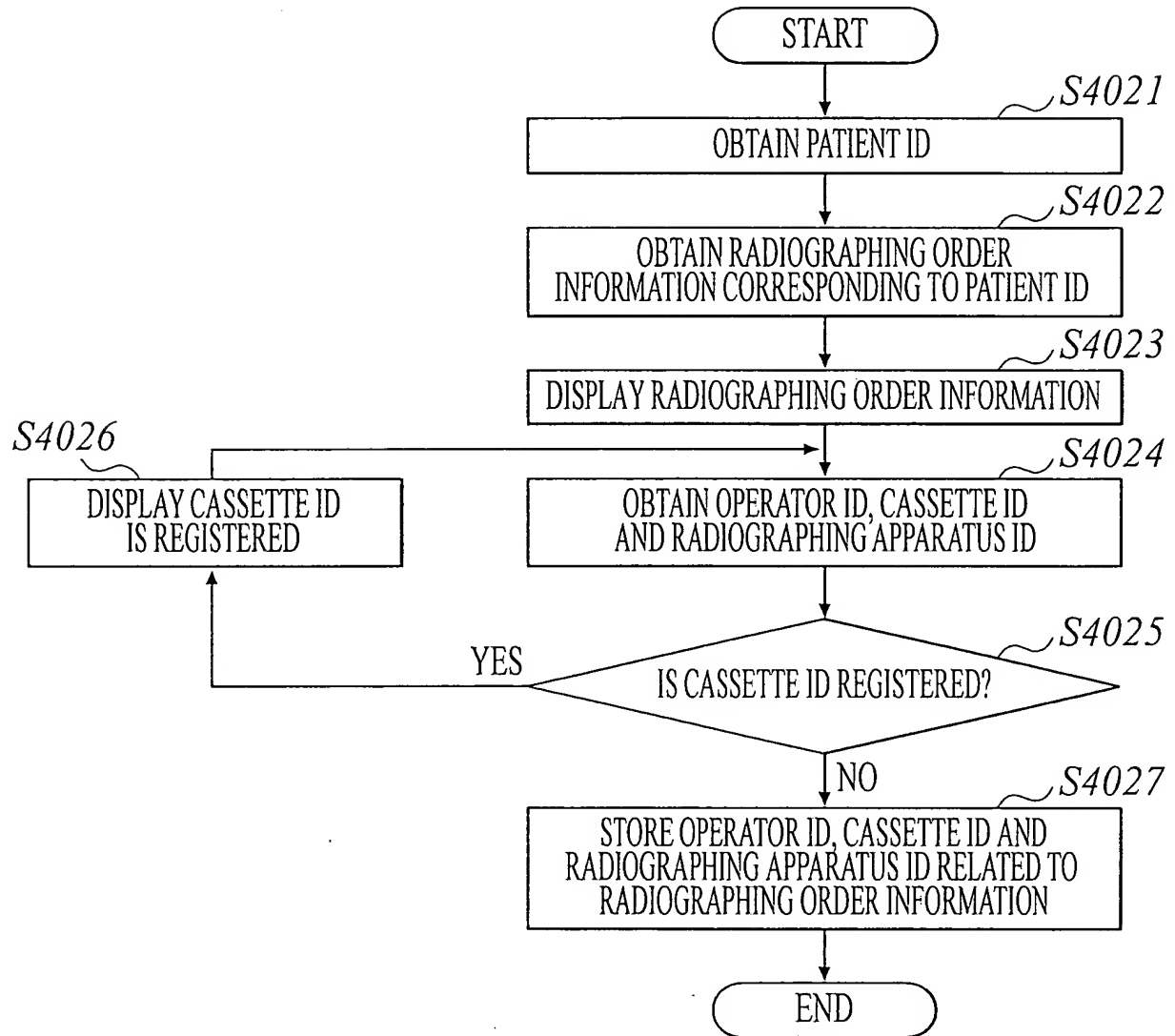


FIG.34A

4131

0/2

ALL

<div>1</div> <div>PATIENT ID</div>	<div>2</div> <div>NAME (ROMAN ALPHABET)</div>	<div>3</div> <div>WARD</div>
0001	ICHIRO YAMADA	
12345	TARO SAKURA	

FIG.34B

4132

ICHIRO YAMADA

PATIENT ID

0001

SEX

M

AGE

WARD

ROOM

01/02

CHEST ETC OBLIQUE 11X14INCH THREE IMAGES

04000108022016

SUZUKI777

A101010

CANCEL

OK

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FIG 35

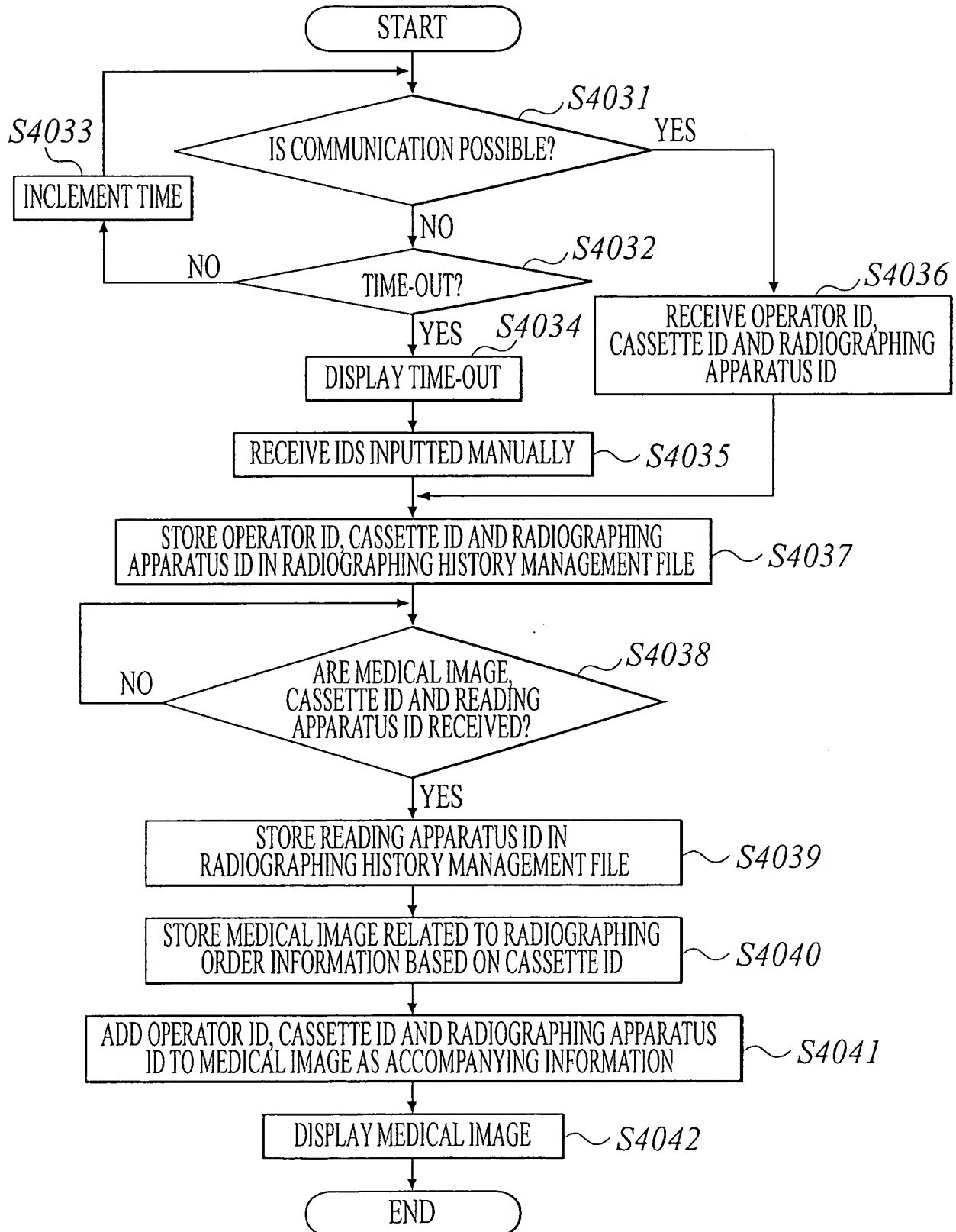


FIG.36

4231

OPERATOR:TARO SUZUKI

ALL PDA DB DELETE

CONDITION

SCHEDULE

2

ITEM

SUSPEND

0

ITEM

PATIENT ID	TYPE OF TAB	PATIENT NAME	SEX	BIRTH DATE	RADIOGRAPHING CONDITION	NUMBER OF IMAGES	SUSPEND
0001	→	ICHIRO YAMADA	MALE	/ /	CHEST ETC OBLIQUE	0/2	
12345							

SELECT ALL

TRANSMIT

RECEIVE

NEW/SEARCH

MODIFY

DELETE

SET CONDITION

SELECTING CONDITION

RENEW LIST

CONFIRMATION SCREEN

COMMUNICATION WITH PORTABLE TERMINAL IS TIME-OUT.

OK

FIG.37

4232

OPERATOR : TARO SUZUKI OPERATOR ID:SUZUKI777				MODIFY CONDITION MODIFY PATIENT	
PATIENT ID 0001 PATIENT NAME ICHIRO YAMADA	PATIENT ID 0001 PATIENT NAME ICHIRO YAMADA	PATIENT ID 12345 PATIENT NAME TARO SAKURA	PATIENT ID 12345 PATIENT NAME TARO SAKURA		
F1210012 <input type="checkbox"/> RESOLUTION: NORMAL <input type="checkbox"/> ORDER=5 SERIES=1 IMAGE=1	F1210012 <input type="checkbox"/> RESOLUTION: NORMAL <input type="checkbox"/> ORDER=6 SERIES=1 IMAGE=2	H3302009 <input type="checkbox"/> RESOLUTION: NORMAL <input type="checkbox"/> ORDER=7 SERIES=1 IMAGE=1	H3302009 <input type="checkbox"/> RESOLUTION: NORMAL <input type="checkbox"/> ORDER=8 SERIES=1 IMAGE=2	<input type="checkbox"/> INFANT CHEST PA 14X17INCH <input type="checkbox"/> 010010412315193 <input type="checkbox"/> 04001041347505 <input type="checkbox"/> 101003205000110000 <input type="checkbox"/> A101010	
<input type="checkbox"/> CHEST ETC OBLIQUE 11X14INCH <input type="checkbox"/> 01000108022016 <input type="checkbox"/> 101003201000120000 <input type="checkbox"/> A101010	<input type="checkbox"/> CHEST ETC APICAL 11X14INCH <input type="checkbox"/> 04000444833940 <input type="checkbox"/> 101003201000110000 <input type="checkbox"/> A101010	<input type="checkbox"/> INFANT CHEST PA 14X17INCH <input type="checkbox"/> 010010412315193 <input type="checkbox"/> 04001041347505 <input type="checkbox"/> 101003205000110000 <input type="checkbox"/> A101010	<input type="checkbox"/> INFANT CHEST PA 14X17INCH <input type="checkbox"/> 04001041347505 <input type="checkbox"/> 101003205000110000 <input type="checkbox"/> A101010	NG OK	NG OK
NG OK				NG OK	NG OK
<< < > >>				SUSPEND	COMPLETE